

Substitute for form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet	1	of	2	Application Number	10/588,587
				Filing Date	August4, 2006
				First Named Inventor	WESTBERRY, Ryan
				Art Unit	To be assigned
				Examiner Name	To be assigned
				Attorney Docket Number	
				Docket # 34029/US/2 (469981-00116)	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A1		US 4,458,006	7/03/84	Donges et al.	
A2		US 4,683,195	7/28/87	Mullis, et al	
A3		US-4,683,202	7/28/87	Mullis, et al.	
A4		US-4,737,462	4/12/98	Mark et al	
A5		US 5,409,818	4/25/95	Davey et al	
A6		US 5,455,166	10/03/95	Walker	
A7		US-5,925,540	7/20/99	Caceci	
A8		2007/0264633-A1	11/15/2007	Westberry et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
B1		† WO 92/12722 A1	6/08/92	Rubinsky et al.	T ⁶

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	C1	BAUER et al. "A genetic enrichment for mutations constructed by oligodeoxynucleotide-directed mutagenesis", <i>Gene</i> 37:73 (1985)			
	C2	BEAUCAGE et al., "Deoxynucleoside phosphoramidites - a new class of key intermediates for deoxypolynucleotide synthesis" <i>Tetrahedron Letters</i> 22:1859-1862 (1981)			
	C3	BRAASCH and COREY "Locked Nucleic Acids: Fine-tuning nucleic acid recognition" <i>Chem. Biol.</i> 2001,8(1):1-7			
	C4	CRAIK, 1985 "Use Of Oligonucleotides For Site-specific Mutagenesis" <i>Biotechniques</i> , 12-19,			
	C5	DEVRIES, (1969) "Freezing Resistance in Some Antarctic Fishes" <i>Science</i> 163, 1073-1075			
	C6	FLETCHER et al. "Antifreeze proteins and their genes: From basic research to business opportunity", (1999) <i>CHEMTECH</i> 30(6):17-28			
	C7	DONAHUE, K. "Ultrarapid, highly efficient viral gene transfer to the heart," <i>Proc. Natl Acad. Sci. USA</i> Vol. 94, pp.4664-4668 April 1997			
	C8	JIA et al., "Antifreeze proteins: an unusual receptor-ligand interaction" <i>TRENDS in Biochem Sciences</i> , 27:2, 101-106			
	C9	LEE et al., "Allelic discrimination by nick-translation PCR with flurogenic probes" 1993 <i>Nucleic Acids Res.</i> , 21(16:3761.6)			
	C10	MANIATIS, et al., <i>Molecular Cloning: A Laboratory Manual</i> , (New York: Cold Spring Harbor Laboratory pp.280-281)1982			

Examiner Signature		Date Considered
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*EXAMINER: † These references were previously cited in a related application relied upon for an earlier filing date under 35 USC 120 and no copies are submitted in accordance with 37 CFR 1.98(d). Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	C11	MOK et al., "The Escherichichia coli Preprimosome and DnaB Helicase Can Form Replication Forks that Move at the Same Rate," <i>J. Biol. Chem.</i> 262:16558-16565 (1987)	
	C12	NEILSEN et al, "Peptide Nucleic Acid (PNA): A DNA Mimic with a Peptide Backbone", <i>Bioconjug. Chem.</i> 1994; 5(1):3-7	
	C13	RADDING, C." Homologous Pairing and Strand Exchange in Genetic Recombination", <i>Ann. Rev. Genetics</i> , 16:405-37 (1982)	
	C14	SAMBROOK et al., 1989, <i>Molecular Cloning: A Laboratory Manual</i> , 18.1-18.88	
	C15	† UPRETI et al., "Enzyme leakage during cryopreservation of ram spermatozoa", <i>Animal Reproductive Science</i> 414 (1996) 27-36	
	C16	† VAJADA, T. "Cryo-biorganic chemistry:molecular interactions at low temperatures" <i>Cellular and Molecular Life Sciences</i> 56 (1999) 398-414	
	C17	WALDER et al, "Oligodeoxynucleotide-mutagenesis using the yeast transformation system", 1986 <i>Gene</i> , 42:133	
	C18	YUZHAKOU et al., "Replisome Assembly Reveals the Basis for Asymmetric Function in Leading and Lagging Strand Replication", <i>Cell</i> 86:877-886 (1996)	

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